

# METRIC - REHABILITATION STRUCTURE SURVEY REPORT

DT1697 2000

Wisconsin Department of Transportation

Final Plan Due Date	Preliminary Plan Due Date	<input type="checkbox"/> Town of <input type="checkbox"/> Village of <input type="checkbox"/> City of	
Old Structure Number	Highway	County	Design Project ID Construction Project ID
Feature On		Feature Under	
District Contact Person/Area Code with Telephone Number			
Consultant Contact Person/Area Code with Telephone Number			

## Work To Be Performed

<u>Item</u>	<u>Field Information Required</u> (See Pages 2 and 3)
<input type="checkbox"/> A. Structural Repair.....	1, 2, 3
<input type="checkbox"/> B. Concrete Overlay.....	1-18, 20, 21, 25, 26
<input type="checkbox"/> C. New Bearings .....	9
<input type="checkbox"/> D. New Railings.....	18, 19, 21
<input type="checkbox"/> E. Curb and Sidewalk Repair .....	2, 3, 21
<input type="checkbox"/> F. Abutment Repair.....	2, 3, 21
<input type="checkbox"/> G. Pier Repair.....	2, 3, 21
<input type="checkbox"/> H. New Deck .....	1-5, 9, 10, 13-18, 20-26
<input type="checkbox"/> I. Widening.....	1-18, 20-26
<input type="checkbox"/> J. Joint Repair.....	2, 3, 8, 17, 21
<input type="checkbox"/> K. Surface Repair.....	2, 3
<input type="checkbox"/> L. Raising Bridge .....	3, 9, 21-23
<input type="checkbox"/> M. Other	
<input type="checkbox"/> N. Asphaltic Overlay	

## Field Information Required

- ☐ 1. Most recent inspection report - Brief history of bridge construction date, dates and description of repairs.
- ☐ 2. Outline deficient areas on existing bridge plan.
- ☐ 3. Photographs of details requiring repairs or modifications, such as: bearings, x-frames, joints, etc. Photograph all deficient areas. Clearly label all photographs.
- ☐ 4. X-section slope for bridge and approaches for proposed work (straight).
- ☐ 5. To tie in girders to new work, determine beam seat or girder elevations at both sides of bridge at all substructure units where possible.
- ☐ 6. Provide cross-section elevations at 3 meters maximum centers extending for 30 meters beyond the bridge at both ends. Sections should be normal to centerline and show elevations at centerline roadway and gutterline. Take elevations along joints and at floor drains.
- ☐ 7. Show and identify starting stationing on bridge.
- ☐ 8. Joint openings measured, temperature and date of measurements recorded. Clearances between girder ends at piers and front face of backwell at abutments for joint openings should be made at the centerline of roadway and at each gutterline. Take on top of deck and under deck - if accessible.
- ☐ 9. Fixed and expansion bearings - condition and orientation.
- ☐ 10. Number and width of pours including construction staging sequence.
- ☐ 11. Location of existing construction joints in the deck.
- ☐ 12. Estimated Quantities:
 

Preparation, Decks, Type 1	$m^2$
Preparation, Decks, Type 2	$m^2$
Full Depth Deck Repair	$m^2$
Concrete Surface Repair	$m^2$
Curb Repair	m
- ☐ 13. Sufficiency Number (obtain from bridge file)
- ☐ 14. Appraisal and Condition Rating

	Deck Condition	Superstructure Condition	Substructure Condition	Load Capacity Appraisal	Structural EVAL Appraisal
Current					

- ☐ 15. Load Ratings

Current	Inventory	Operational
<b>AFTER</b> Completed by Bridge Designer		

## Field Information Required - Con't.

- ☐ 16. Drains to be:
- ☐ Raised      ☐ Closed      ☐ Downspouted      ☐ New
- ☐ 17. Traffic maintained on bridge during work?
- ☐ No      ☐ Yes - Include sketches
- ☐ 18. Will guard rail be attached?
- ☐ No      ☐ Yes - Which corners
- ☐ 19. Is existing bridge railing deficient?
- ☐ No      ☐ Yes - Replacement Rail Type
- ☐ 20. Will work to be performed eliminate all deficiencies?
- ☐ Yes      ☐ No - Explain
- ☐ 21. Describe / Locate existing / proposed utilities.
- ☐ 22. Wing location for surface drain anchors.
- ☐ 23. Painting
- ☐ No      ☐ Yes - explain (all, part, railing, color system, containment, bid items)
- ☐ 24. Desired Roadway Width (New Deck / Widening)      m
- ☐ 25. Maximum increase in grade line elevation      mm
- ☐ 26. Benchmark description to be shown
- ☐ 27. Desired final cross slopes on bridge      percent

## Structure History / Work to be Performed

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### FOR BRIDGE OFFICE USE

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Plans Checked By

Date

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